

IN THE CLAIMS

Upon entry of the present amendment, the status of the claims will be as is shown below. This listing of claims replaces all previous versions and listings of claims in this application.

Claims 1-29 (Cancelled)

30. (New) A computer-implemented method of generating a user personalized filter for processing files, the method comprising:

establishing communication with a server;

generating a personal profile by employing at least one software tool operated by the server, the profile comprising one or more topics, at least one keyword and at least one text document being associated with each topic; and

generating, for each topic, utilizing processing software operated by the server, a filter for processing files based on the at least one associated keyword and text document.

31. (New) The method according to claim 30, wherein said text documents comprise at least one first text document consisting only of text and at least one second text document comprising both text and at least one multimedia file, said generating the filter including operating on at least the text portion of the second text document.

32. (New) The method according to claim 31, in which the multimedia file is one of an image file, a video file and a sound file.

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33. (New) The method according to claim 30, in which, in employing the software tool, the user inputs the at least one text document.

34. (New) The method according to claim 30, in which, in employing the software tool, the user inputs a location of the at least one text document, and an application program operated by the server downloads the at least one text document from the location through an open communication protocol interface.

35. (New) The method according to claim 30, in which each topic describes one of a focused information interest and a need of the user.

36. (New) The method according to claim 30, in which each of the keywords is one of a single natural language word, a combination of single natural language words and a phrase.

37. (New) The method according to claim 30, wherein the tool includes tools to perform at least one of the operations of creating, updating, combining, removing and renaming the topics.

38. (New) The method according to claim 30, wherein the tool includes tools to perform at least one of the operations of inputting, updating and removing keywords.

39. (New) The method according to claim 30, wherein the tool includes tools to perform at least one of the operations of inputting, updating and removing text documents.

40. (New) The method according to claim 30, wherein each filter further comprises at least one numerical parameter for each topic, the parameter being used to control the processing of documents based on the filter.

41. (New) The method according to claim 40, wherein the tool includes tools to perform at least one of the operations of setting the parameters, resetting the parameters, returning the parameters to previous values and returning the parameters to default values.

42. (New) A computer-implemented method of generating a user personalized filter for processing files, the method comprising:

establishing communication with a server;

employing at least one software tool operated by the server to generate a personal profile by inputting data, the profile comprising input data associated with at least two topics;

generating for each topic, by employing processing software operated by the server, a filter for processing files based on the respective input data; and

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employing combination software operated by the server to combine the input data from at least two of the topics, and the processing software to generate a new filter based on the combined input data.

43. (New) The method according to claim 42, wherein the new filter replaces an existing filter.

44. (New) The method according to claim 42, wherein the new filter supplements an existing filter.

45. (New) The method according to claim 30, wherein establishing communication with a server is performed by a user employing a HTTP browser operated by a first computer system, the server comprising an HTTP server application program operated by a second computer system.

46. (New) The method according to claim 42, wherein establishing communication with a server is performed by a user employing a HTTP browser operated by a first computer system, the server comprising an HTTP server application program operated by a second computer system.

47. (New) A method of processing a plurality of files in a database, the method comprising:

generating at least one filter according to claim 30;

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for each filter, determining a relevance of each file to the topic associated with each filter by comparing each file with the filter, and processing the files on the basis of the processing parameter.

48. (New) The method according to claim 40, further comprising:

comparing each file with the filter, the comparing including deriving a numerical relevance index of the file to the respective topic,

wherein the parameters include at least one processing parameter, and

wherein, for a file for which the relevance index is lower than said processing parameter, the file is determined to be unrelated to the respective topic.

49. (New) The method according to claim 48, in which the files for which the relevance index is above the processing parameter are transmitted to the user.

50. (New) The method according to claim 48, wherein said user can instruct the server to cache any files for which the relevance index is above the processing parameter until it is needed by said user.

51. (New) The method according to claim 47, in which:

said parameters include at least one processing parameter;

said comparing the file with the filter includes deriving a numerical relevance index of the file to the respective topic, and

for a file for which the relevance index is lower than said processing parameter, the file is assessed to be unrelated to the respective topic.

52. (New) The method according to claim 51, in which the files for which the relevance index is above the processing parameter are transmitted to the user.

53. (New) The method according to claim 51, wherein said user can instruct the server to cache any files for which the relevance index is above the processing parameter until it is needed by said user.

54. (New) The method according to claim 30, in which the method is performed at predetermined time intervals.

55. (New) A computer apparatus configured for communication with at least one user, the apparatus comprising:

a software tool controllable by the user to generate a personal profile, the profile comprising at least one topic, at least one keyword and at least one text document being associated with each topic; and

processing software that generates, for each topic, a filter for processing files based on the at least one associated keyword and text document.

56. (New) A computer apparatus configured for communication with at least one user, the apparatus comprising:

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at least one software tool controllable by the user to generate a personal profile by inputting data, said profile comprising input data associated with at least two topics;

first processing software controllable by the user to generate, for each topic, a filter for processing files based on the respective input data;

combination software controllable by the user to combine the input data from at least two of the topics; and

second processing software configured to generate a new filter based on the combined input data.

57. (New) A computer program product, readable by a computer apparatus and which causes the computer apparatus to operate as a computing apparatus according to claim 55.

58. (New) A computer program product, readable by a computer apparatus and which causes the computer apparatus to operate as a computing apparatus according to claim 56.